



## NOAA HERITAGE UPDATE

November 2005

Items that can be found in the November Heritage Update –

1. Announcing the FY06 PAIG!
2. Welcome René and Beth to NOAA's Office of Education!
3. 1<sup>st</sup> Annual Maritime Heritage Education Conference is huge success!
4. NCDC develops NOAA Heritage Display
5. Manteo Weather Tower Dedicated
6. *Monitor* National Marine Sanctuary celebrates 30 years!
7. The Hunt for the Alligator
8. Undersea Feature Names Workshop
9. NOAA submits projects for PA Presidential Award
10. Mark your calendar! Heritage Week 2006 – February 6-11, 2006!

### 1. Announcing the FY06 NOAA *Preserve America* Initiative Grant Program!

The NOAA *Preserve America* Initiative Working Group is proud to announce the FY06 request for proposals for NOAA's *Preserve America* Initiative Grant Program (PAIG). This mini-grant program is designed to stimulate efforts within NOAA to preserve, protect, and promote the agency's heritage assets. FY05 was the inaugural year for this endeavor and preliminary reports indicate that projects that were funded have shown tremendous success! Projects varied in scope from interpreting historic and cultural resources in NOAA's care to capturing oral histories of NOAA stakeholder groups, including fishermen and Native Americans. The six projects funded in FY05 ranged from \$11,400 to \$22,600. Please visit the NOAA *Preserve America* website to learn more about the projects that were funded this first year.

FY06 NOAA *Preserve America* Initiative Grants will be awarded only to NOAA offices, although other federal, state, tribal, Native Hawaiian, academic and non-profit organizations can act as partners. **Proposals are due by February 1, 2006.** The total funds available this year is \$175K, combining the continuing support of NOAA line offices in the amount of \$100K with an additional \$75K from NOAA's Office of Education to further encourage projects emphasizing the educational component.

For additional information, including proposal criteria and format, please contact John Collins ([John.Collins@noaa.gov](mailto:John.Collins@noaa.gov)) or visit the "Grant Information" section of the NOAA *Preserve America* website (<http://preserveamerica.noaa.gov>).

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NOAA's Office of Education has two new employees, René Carson and Beth Jewell, during the next year. Both women are fellows in the Albert Einstein Distinguished Educator Fellowship Program. As recipients of the fellowship for outstanding elementary and secondary mathematics, technology, and science teachers they are provided with an opportunity to serve in the national public policy arena. Beth and René will provide practical insights and "real world" education perspectives to the office. They are currently working on an education component for the 2006 NOAA Heritage Week and Traveling Exhibit.



Beth has taught a variety of subjects during her 21 years of service in northern Virginia schools, including earth science, geosystems, physical science, and honors biology and oceanography. She has a Bachelor of Science degree in earth science with a minor in biology from Bowling Green (Ohio) State University and a Master of Education from the University of Virginia (Charlottesville). She has served as her school's science department technology liaison and web curator and has been engaged in creating and maintaining her school's website as well as guiding students in website design. Beth, too, has received many teaching awards and was a Fulbright Memorial Fund Scholar in 2002. She has served as the President of the Mid-Atlantic Marine Educators Association and currently is on the National Marine Educators Association board of directors and the NSTA district VIII director. She has done research as a NOAA Teacher at Sea participant. For more information, please see Joyce Gross ([joyce.w.gross@noaa.gov](mailto:joyce.w.gross@noaa.gov)).

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### 3. 1<sup>st</sup> Annual Maritime Heritage Education Conference: November 18 – 20, 2005

The first-ever Maritime Heritage Education Conference brought together over 130 formal and informal educators to promote maritime heritage education and to expose teachers, museum educators and maritime specialists to the significance of connecting past cultures and traditions to present day coastal and waterways practices. The event was held November 18-20, 2005, at Nauticus, the National Maritime Heritage Center in Norfolk, Virginia, and was co-sponsored by NOAA's National Marine Sanctuary Program, the National Park Service, Nauticus, the National Maritime Heritage Center, Hampton Roads Naval Museum, and the National Marine Sanctuary Foundation. The conference was international in scope with presenters attending from England and Canada. Dr. Robert Ballard, world-renowned explorer, delivered the keynote address.



The Nauticus National Maritime Center in Norfolk, Virginia hosted the Maritime Heritage Conference. The Nauticus is a spectacular maritime-themed science center featuring hands-on exhibits, interactive theaters, aquaria, digital high-definition films, and an extensive variety of educational programs.

The conference reached educators from a variety of levels (kindergarten through university), as well as marine archaeologists, museum directors and participants from various organizations to highlight how maritime heritage can be brought alive with education. Session topics included successful programs in maritime heritage interpretation and education, shipboard education, shipwrecks, lighthouses, and whaling. Contact [michiko.martin@noaa.gov](mailto:michiko.martin@noaa.gov) for more information.

### 4. NCDC to promote NOAA Heritage through display at Park Place in Asheville, NC

NOAA's National Climatic Data Center will prepare a NOAA Heritage display for the Pack Place in Asheville, NC. This display will be presented in collaboration with The Health Adventure and the Colburn Earth Science Museum. The exhibit will be on display during February 2006 and will feature items from the vast archives of the Center. NCDC will provide a high school intern position during the month of January to assist with the design of the display. The intern will work to collect "historic equipment" from various sources to be added to the museum display and collect historic documentation. For additional information, please see Carmella Davis Watkins ([Carmella.Davis.Watkins@noaa.gov](mailto:Carmella.Davis.Watkins@noaa.gov)).



In February 2006 NCDC will be creating a display for the Park Place in Asheville, NC. The display will be similar to this 2005 display that was exhibited at the Administrative Office of the Asheville-Buncombe Library in Asheville, NC.

## 5. Manteo Weather Tower Dedicated to the Memory of Alpheus W. Drinkwater

The US Weather Bureau once used Coastal Warning Display towers such as this one to fly signal flags to warn mariners of wind shifts or approaching storms. On November 10, 1904, the Weather Bureau established the Manteo Weather Station with Alpheus W. Drinkwater in charge. The Manteo Chamber of Commerce requested that the bureau be given permission to place a tower on the grounds of the Dare County Courthouse.

Since weather news was transmitted by telegraph, Drinkwater, in his role as telegraph operator, was a logical choice for weatherman. He also is noted for sending news of the Wright Brothers' flight tests to news agencies across the country. Beyond the symbolic colors and shapes that foretold a rainy day or a flood tide on a northwesterly wind, weather flags, when flown in various combinations of shapes and colors, signaled that it was time to take in the laundry or to set the fishing nets, part of everyday life in the town. At night, two red and one white signal lights flashed storm warnings.



The newly installed refurbished storm warning lenses on the Manteo Weather Tower.

The tower was later moved near its present location on the waterfront, and then to Drinkwater's home on Ananias Dare (old Main) Street. Upon inquiry by the Manteo Board of Commissioners, the John Booth family gave permission for the tower to be moved to town property, and provided the original signal lights.

In 2005, the Town of Manteo had the tower refurbished and moved to this site so that weather signal flags could once again fly on the Manteo waterfront. On November 5, 2005 the town dedicated the tower. John Cole, Warning Coordination Meteorologist from NOAA's National Weather Service Forecast Office in Newport/Morehead City, North Carolina attended and delivered remarks at the event. The Manteo Weather Tower is believed to be one of only five towers still in use, and may be the only one with its entire original signal lights affixed. For additional information please visit <http://www.townofmanteo.com/>.

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## 6. The Monitor National Marine Sanctuary celebrates 30<sup>th</sup> Anniversary!

On October 25, 2005, the National Marine Sanctuary Foundation hosted a special awards gala in celebration of the [Monitor National Marine Sanctuary](#) 30<sup>th</sup> anniversary. To celebrate this important sanctuary milestone, the Foundation honored U.S. Senator John W. Warner and posthumously honored former U.S. Congressman Herb Bateman with the National Marine Sanctuary Foundation's Stewardship Award.

During the fall of 1861 it became clear that the fate of the civil war may depend on technological advances in warfare at sea. On October 25, 1861 the keel was laid for a new prototype class of Civil War ironclad, turreted warships that would revolutionize warfare at sea – the USS *Monitor*. The *Monitor* was designed by the Swedish engineer John Ericsson, and was constructed in a mere 110 days. She met her fate one desperate day in 1862 in a gale off the of North Carolina coast where it rests today in 240 feet of water, and is protected today as a part of the National Marine Sanctuary System.



Four officers pose near the turret of the U.S.S. Monitor, July 9, 1862, on the James River in Virginia.

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## 7. USS Alligator Symposium

On November 8th, the Independence Seaport Museum in Philadelphia, PA hosted the USS Alligator Workshop directed toward refining the Hunt for the USS Alligator.

Participants included the Office of Naval Research, the Submarine Force US Atlantic Fleet (SUBLANT), Assistant Administrator for NOS and Manager of the National Marine Sanctuary Program's Maritime Heritage Program. The 1-day workshop focused on out-year direction for Historical Research, Education and Outreach and Search and Survey.

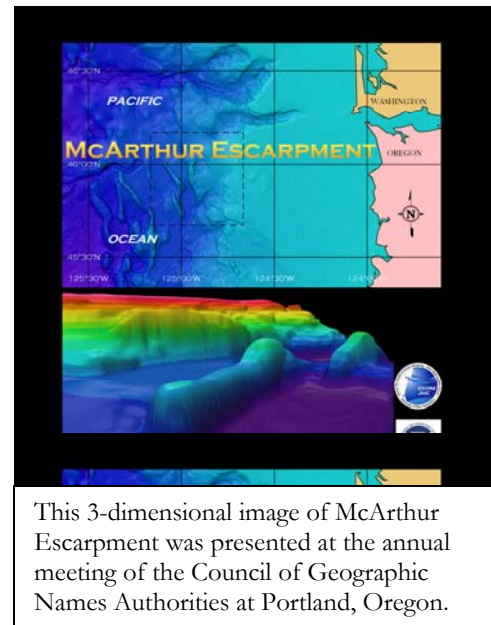
Other participants included NOAA's National Weather Service, NOAA's Office of Coast Survey, NOAA's Office of National Marine Sanctuaries, industry representatives from IXSEA, Benthos, representatives from the Navy's Surface Warfare Unit (NAVSEA), East Carolina University and historians and educators from around the country. Launched in 1862, the green, 47-foot *Alligator* represented a significant leap forward in naval engineering. But before it could prove itself in battle, the Union sub was lost off Cape Hatteras on April 2, 1863 while being towed to Charleston, S.C. and never seen again. For more information, please contact [DavidL.Hall@noaa.gov](mailto:DavidL.Hall@noaa.gov) or visit <http://www.sanctuaries.noaa.gov/alligator/hunt2004/welcome.html>.



## 8. NOAA's history and heritage is highlighted at October Meetings

Captain Skip Theberge, NOAA Corps (ret.) and now of the NOAA Central Library, helped commemorate NOAA's history and heritage at the Annual meeting of the Sub-Committee for Undersea Feature Names of the Intergovernmental Oceanographic

Commission/International Hydrographic Organization of which Skip is a NOAA/United States representative. He presented McArthur Escarpment, McArthur Canyon, Smith Escarpment, Smith Canyon, and Wildcat Canyon for acceptance by that international body. The first four names commemorate individuals affiliated with NOAA ancestor agencies while Wildcat Canyon was named in honor of an early survey vessel of the C&GS. After acceptance by that international body a map and 3-dimensional image of McArthur Escarpment was presented to Mr. Lewis McArthur, Chairman of the Oregon Board on Geographic Names and great-grandson of Lieutenant William Pope McArthur, an early Coast Survey pioneer on the West Coast. As the keynote speaker, Skip spoke on "The Discovery and Naming of Offshore Pacific Northwest and Alaska Undersea Features", an area in which NOAA ancestor agencies were particularly active. Rounding out the month, Skip spoke at the monthly meeting of the Washington Map Society on "Marching with the Survey: Mapping the Civil War".



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## 9. NOAA submits projects for consideration of *Preserve America* Presidential Award

Since 2003, the President and First Lady of the United States have selected four *Preserve America* Presidential Award winners to receive national recognition for outstanding achievements in sustainable historic preservation. The *Preserve America* Presidential Awards are given to organizations, businesses, government entities, and individuals for: exemplary accomplishments in the sustainable use and preservation of cultural or natural heritage assets; demonstrated commitment to the protection and interpretation of America's cultural or natural heritage assets; and the integration of these assets into contemporary community life, and combination of innovative, creative, and responsible approaches to showcasing historic resources in communities.

This year NOAA submitted 3 projects prior to the November 1<sup>st</sup> deadline:

- Conservation and Preservation of Artifacts Recorded from the Wreck of the USS *Monitor*
- Hunt for the USS *Alligator*
- Ko'ie'ie Loko Pa: Revitalizing a Fishpond Wall

Recipients are chosen through a national competition administered by the Advisory Council on Historic Preservation (ACHP) in partnership with the U.S Departments of Agriculture, Commerce, Defense, Education, Housing and Urban Development, Interior, and Transportation; the National Endowment for the Humanities; the President's Committee on

the Arts and Humanities, and the President's Council on Environmental Quality; in cooperation with the Executive Office of the President.

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**10. Heritage Week 2006 – February 6-11, 2006!**

Don't forget! NOAA Heritage Week 2006 will take place February 6-11, 2006. Exhibits will be on display in the NOAA Science Center in Silver Spring and various celebrations are being planned at other NOAA facilities. Extended exhibit hours and the addition of Saturday will allow the general public to experience NOAA's "Treasures". Mark your calendar; you don't want to miss this exciting event!

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Start thinking about the news you'd like to appear in the December NOAA Heritage Update! Please submit any activities, events, neat NOAA Heritage news, etc. to Kathy Dalton ([Kathy.Dalton@noaa.gov](mailto:Kathy.Dalton@noaa.gov)) by December 16, 2005!

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